

Declaration and Power of Attorney

My residence, post office address and citizenship are as stated below next to my name.

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by an amendment, if any, specifically referred to in this oath or declaration.

I hereby claim foreign priority benefits under Title 35, United States Code, 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed:

I hereby claim the benefit under Title 35, United States Code, 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, 112, I acknowledge the duty to disclose all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56 which became available between the filing date of the prior application and the national or PCT international filing date of this application:

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

I hereby appoint the following attorney(s) with full power of substitution and revocation, to prosecute said application, to make alterations and amendments therein, to receive the patent, and to transact all business in the Patent and Trademark Office connected therewith:

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Full name of 1st joint inventor: Christoph Georg Erben

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Full name of 2nd inventor: Douglas M Gill

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Figure 1 consists of 12 subplots, each representing a different value of k from 1 to 12. Each subplot is a histogram showing the frequency of the number of non-zero elements in the rows of the matrix A_k . The x-axis for all plots is labeled 'Number of non-zero elements' and ranges from 0 to 100. The y-axis is labeled 'Frequency' and ranges from 0 to 10. The distributions are roughly bell-shaped and centered around 50-60 non-zero elements. The plots are arranged in a 6x2 grid. The first row contains plots for $k=1, 2, 3, 4$, the second row for $k=5, 6, 7, 8$, the third row for $k=9, 10, 11$, and the fourth row for $k=12$. The title of the figure is 'Figure 1: Distribution of the number of non-zero elements in the rows of the matrix A_k for $k=1, \dots, 12$ '.

Full name of 3rd inventor: Howard Edan Katz

Inventor's signature

Howard Edan Katz

Date

12/21/01

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Full name of 4th inventor: Mark Lee

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